

JTE Truck Automatic Transmission Group and Teleflex Shift Cable Issues Log

<u>Item</u>	<u>Issue</u>	<u>Status</u>	<u>Comments</u>
1	95 AB shift cable: Remove alignment key on steering column bracket.	PCN 41018-104 written to remove alignment key. Teleflex cost is \$42k and 16 weeks. This will create a Chrysler tool.	Change required to reduce insertion difficulties at Pillette due to having to align the cable after a tight cable bend routing out of the dash panel. Teleflex reports that the tooling has been kicked off with a part availability time of March 95.
2	95 AB shift cable spring effort increase <u>Proto Parts are late</u>	Assy plant must rotate prop shaft to avoid numerous no start in park problems. New to 95 MY with cable shift. Teleflex to supply sample springs with effort similar to BR rod but with 20% increased load.	Need sample springs ASAP from Teleflex for 50 piece PTR at plant. Springs are not available as of 12/02/94 from Teleflex. Pillette Assy plant has told Dept 1610 that warranty on no start in park is very significant. This change will fix this situation. Pillette and Dept 1610 are growing impatient with the
3	96 AB and 97 AN heat protective sleeve upgrade	Investigating upgraded heat sleeve to handle 15 mm clearance to exhaust pipe on 97 AN and 96 AB with catalyst closer to cable	Teleflex to provide samples of new upgraded heat sleeve with cost.
4	97 AN dash panel change and corresponding shift cable plate change	Catia info available on new plate packaging environment. Change driven by requirement to reorient manual trans master cylinder which occupies the same space on a M/T truck.	Info to Teleflex on new design 10/28/94. Gardner to follow-up and confirm January timing.

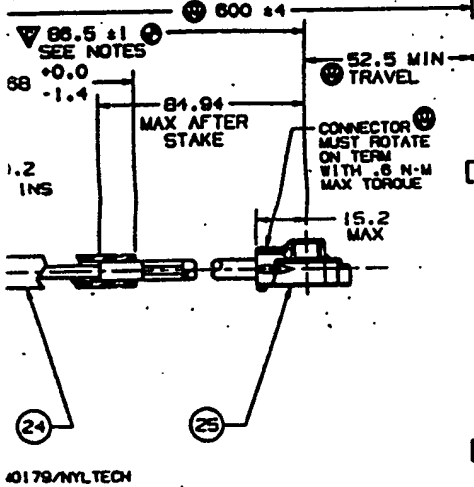
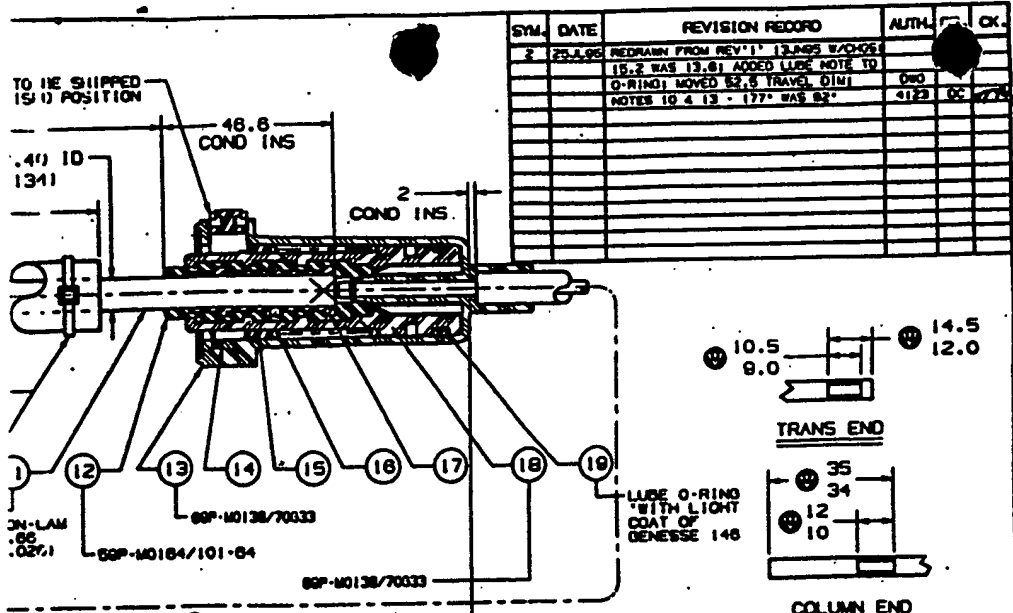
ORIGINAL COPY

JTE Truck Automatic Transmission Group and Teleflex Shift Cable Issues Log

<u>Item</u>	<u>Issue</u>	<u>Status</u>	<u>Comments</u>
5	97 AN adjuster head travel	Travel on F1 cables is only about 10 mm. Design was requested to have 20 to 25 mm of adjustment travel , similar to 95 AB.	Teleflex reviewing design for F2 level upgrade.
6	97 AN adjuster head position	Current F1 position too close to brake tubes for easy access.	Teleflex to move adjuster head down about 3 inches closer to trans end of the cable.
7	97 AN adjuster head orientation	The orientation of the adjuster head will need to be controlled so that the release lock tab faces upwards. F1 level parts allow locking tab to face downward which makes a very difficult in vehicle service adjustment.	Teleflex advised of concern 10/27/94. Would need resolution on F2 level parts.
8	97 AN cable clip requirements	Cable clipping may be required near intermediate shaft, exhaust manifold and by the starter.	Teleflex and JTE looking at situation
9	97 AN cable touches electrical junction block near strg column.	Light interference to electrical junction block exists.	Will review on F1 builds but don't think this is a real problem.

BEST AVAILABLE COPY

BEST AVAILABLE COPY



SYM.	DATE	REVISION RECORD	AUTH.	CHK.
2	25.4.95	REDRAWN FROM REV 11 13 LIPS EACH SIDE		
		15.2 WAS 13.81 ADDED LUBE NOTE TO		
		O-RING MOVED 52.5 TRAVEL DIM	DWD	
		NOTES 10 & 13 - 177° WAS 82°	4123	DC

28	956T-S7722	FLEX 'C' RING
25	974J-S7805	TERMINAL ASSEMBLY
24	838P-S7314	SWIVEL TUBE
23	48-7103	GROMMET
22	974J-S7100	GROMMET PLATE ASSEMBLY
21	943C-S7105	CONDUIT - 587.8 LG
20	974J-S7805	58-7508 CABLE ASSEMBLY

974J-S7005		
18	974J-S7803	O-RING - ORANGE
18	974J-S7202	SLIDER - END FITTING
17	863P-S7202	END FITTING - ADJUST
16	884J-S7718	SPRING - ADJUST
15	974J-S7703	COLLAR
14	974J-S7305	LOCK
13	974J-S7204	BODY
12	974J-S7203	ISOLATOR - END FITTING
11	943C-S7105	CONDUIT - 854.4 LG
10	927N-S7700	TIE STRAP
9	912F-S7109	SLEEVE
8	974J-S7101	HEAT SLEEVE
7	813P-S7300-A	CAP - SPACER
6	954P-S7203	END FITTING - SNAP-IN
5	858P-S7702	STONE SHIELD
4	974J-S7304	SWIVEL TUBE
3	858P-S7703	CAP - WIPER
2	828P-S7704	RING - WIPER
1	821R-S7801	TERMINAL ASSEMBLY

IN INTO CONDUIT ASSEMBLY
PLATES WITH MAX 110 N
30 N FORCE
MOVED DESIGN ORIENTATION
20 FOR A 17.8 N PUSH AND
ROUGH ITS STROKE SHALL
-40° C & 177° C WITH
3MIL SPECIFICATIONS.
7 MUST WITHSTAND
TERMINABLE FOR
STALLED POSITION
17.8 N PUSH AND PULL
C.

UNSCALABLES

METRIC
DIMENSIONS ARE IN MILLIMETERS
UNLESS OTHERWISE SPECIFIED

ANY CHANGE IN PROCESS OR CONSTRUCTION
REQUIRES PRIOR ENGINEERING APPROVAL

① - DIM DEFLECTION/STRESS REQUIRED
② - DIM DEFLECTION & STRESS REQUIRED
③ - DIMENSIONAL SPECIFICITY REQUIRED

RELATIVE VALUE RATING SYSTEM

X OR X.X -
X.XX -
X.XXX -

DO NOT SCALE | REPORT ERRORS

LIST OF MATERIAL

SCALE: FULL

PROJECTION: 1ST ANGLE

OR OV: 21.994

SEE DETAILS & NOTED

52078795

ASSY - TRANS
CONT SHIFT

974J-S7005

SIZE: C

6X4

07/06/95 145075

T 88888

7/06/95 145075